

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A	PAGE 1 of 2
2. AMENDMENT/MODIFICATION NO. A002	3. EFFECTIVE DATE 5/2/01	4. REQUISITION/PURCHASE NO. N/A		5. PROJECT NO. (If applicable) MT OMAD 18(41) Minuteman Missile Base Roads
6. ISSUED BY Department of Transportation Federal Highway Administration 610 East Fifth Street Vancouver WA 98661-3801		CODE N/A	7. ADMINISTERED BY (If other than Item 6) CODE N/A	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. DTFH70-08-B-00006
				9B. DATED (SEE ITEM 11) 5/2/08
				10A. MODIFICATION OF CONTRACT/ORDER NO. N/A
				10B. DATED (SEE ITEM 13) N/A
CODE: N/A		FACILITY CODE: N/A		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers

() is extended, (☒) is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A	THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A: N/A
B	THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). N/A
C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: N/A
D	OTHER (Specify type of modification and authority) N/A

E. IMPORTANT: Contractor n/a is not, n/a is required to sign this document and return n/a copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

MT OMAD 18(41), MINUTEMAN MISSILE BASE ROADS

See page 2 for revisions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15a. NAME AND TITLE OF SIGNER (Type or print)		15a. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) N/A	
15B. CONTRACTOR/OFFEROR BY _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>N/A</u> (Signature of Contracting Officer)	16C. DATE SIGNED N/A

Amendment No. A002, dated 05/02/08
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MT OMAD 18(41),
Minuteman Missile Base Roads

REVISIONS ARE AS FOLLOWS:

Page F-14 –F-15 Subsection 304.05 Revises Subsection

Page F-16 Reformatted as a result of Subsection 304.05

ENCLOSURES

Pages:

F-14 through F-16

Store calcium chloride in closed, weatherproof containers. Begin application or mixing operations only when the ambient air temperature is 40 °F or above, and is not expected to fall below 40 °F within 48 hours. Do not construct the stabilized aggregate layer when the underlying surface is frozen, muddy, or when it is raining or snowing. Do not discharge calcium chloride into any waters of the U.S.

(a) Imported aggregate course. Prepare the underlying surface according to Subsection 303.05.

(b) In-place aggregate course. Repair soft and unstable areas to the full depth of the aggregate surface and according to Subsection 303.03 when applicable. Scarify to a depth of 3 inches and remove surface irregularities. Shape the scarified aggregate into a blanket that is suitable for applying calcium chloride.

304.05 Mixing and Placing. Maintain the accuracy of the amounts of calcium chloride and water content within the following tolerances:

Calcium chloride $\pm 0.5\%$ by mass (Weight added ranges from 1.5 percent to 2.5 percent as determined in Subsection 304.03)

Water $\pm 1.0\%$ by mass (Moisture content ranges from 2 percent below optimum to optimum as determined in Subsection 304.03)

(a) Imported aggregate course. Use a stationary pugmill with weighing or metering equipment capable of accurately controlling the material entering the mixer. Interlock the metering controls for the aggregate feed with those of the calcium chloride and water to ensure uniform introduction of material into the mixer. Maintain the accuracy of the amounts of aggregate, calcium chloride, and water (based on the total dry mass) within the following tolerances:

Aggregate $\pm 2.0\%$ by mass

Calcium chloride $\pm 0.5\%$ by mass

Water $\pm 1.0\%$ by mass

Immediately after mixing, haul and spread the material on the prepared surface in a uniform layer. Shape the road to the required cross-section. Route hauling equipment uniformly over the full width of the surface to minimize rutting or uneven compaction.

In lieu of using a stationary pugmill, the following process may be followed to incorporate calcium chloride and water into the imported aggregate course.

Haul and spread imported aggregate on the prepared surface in a uniform layer to the proper width. Use distributor equipment capable of applying calcium chloride in a uniform layer across the full width of the recently spread imported aggregate. Distribution equipment must be capable of closely metering the application rate. As an alternative, rotary mixing machines capable of metering calcium chloride and/or water into the mixing process are allowed, provided the required application rates are met.

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Use rotary mixing equipment to incorporate the calcium chloride into the imported aggregate course full depth in one pass.

Spread calcium chloride uniformly across the prepared imported aggregate surface. Verify the application rate by performing calcium chloride weight yield test panels for each distributor load. Do not spread more calcium chloride than can be incorporated within one hour. Mix the calcium chloride uniformly into the imported aggregate course with the rotary mixing equipment.

After mixing is complete, shape the road to the required cross section. Route hauling equipment uniformly over the full width of the surface to minimize rutting or uneven compaction.

(b) In-place aggregate course. Adjust the moisture content of the aggregate layer to from 0 to 2 percent below optimum. Do not spread calcium chloride in windy conditions that will result in loss of calcium chloride and dusting.

Use distributor equipment capable of applying calcium chloride in a uniform layer across the full width of the surface to be mixed. Distribution equipment must be capable of closely metering the application rate. As an alternative, rotary mixing machines capable of metering calcium chloride and/or water into the mixing process are allowed, provided the required application rates are met.

Use rotary mixing equipment to incorporate the calcium chloride into the treated aggregate course full depth in one pass.

Spread calcium chloride uniformly across the prepared aggregate surface. Verify the application rate by performing calcium chloride weight yield test panels for each distributor load. Do not spread more calcium chloride than can be incorporated within one hour. The depth of aggregate mixing is 3 inches ± 0.5 inch in its compacted state. Mix the calcium chloride uniformly into the aggregate course with the rotary mixing equipment.

After mixing is complete, shape the road to the required cross section. Route hauling equipment uniformly over the full width of the surface to minimize rutting or uneven compaction.

304.06 Reserved.

304.07 Compacting and Finishing. While placing and spreading the mixture, maintain the moisture content from optimum to 2 percent below optimum. Compact the mixture according to Subsection 301.05. Determine the in-place density and moisture content according to AASHTO T 310 or other approved test procedures.

Finish the aggregate course according to Subsection 301.06 to produce a surface that is smooth, dense, and free of compaction planes, ridges, or loose material.

304.08 Reserved.

304.09 Reserved.

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304.10 Acceptance. See Table 304-1 for sampling and testing requirements.

Calcium chloride will be evaluated under Sections 106.02 and 106.03.

New imported aggregate will be evaluated for gradation, fractured faces, liquid limit, and plasticity index under Subsection 106.05. Other aggregate quality properties will be evaluated under Subsections 106.02 and 106.04.

(a) Aggregate gradation. The upper and lower specification limits are equal to the calculated mean of all test results plus or minus the allowable deviations shown in Table 703-3, except as follows:

(1) If the calculated mean value for any tested sieve exceeds the maximum gradation value shown in Table 703-3, the upper specification is equal to the maximum gradation value plus the allowable deviation, and the lower specification is equal to the maximum gradation value minus the allowable deviation.

(2) If the calculated mean value for any tested sieve is less than the minimum gradation value shown in Table 703-3, the upper specification is equal to the minimum gradation value plus the allowable deviation and the lower specification is equal to the minimum gradation value minus the allowable deviation.

(b) Fractured faces. When aggregate is produced from a gravel source, use the specification limit shown in Subsection 703.05A(f).

(c) Liquid limit. The specification limit is shown in Subsection 703.05A(g).

(d) Plasticity index. The specification limit is shown in Subsection 703.05A(h).

Stabilized imported and in-place aggregate courses will be evaluated under Subsections 106.02 and 106.04.

Reconditioning of the aggregate course for in-place aggregate will be evaluated under Section 303.

Preparation of the surface on which the treated imported aggregate course is placed will be evaluated under Sections 303.

Measurement

304.11 Measure the Section 304 items listed in the bid schedule according to Subsection 109.02 and the following as applicable.

Measure square yard width horizontally to include the top of aggregate width including designed widening. Measure the square yard length along the centerline of the roadway.

Payment

304.12 The accepted quantities will be paid at the contract price per unit of measurement adjusted according to Subsection 106.05 for the Section 304 pay items listed in the bid schedule. Payment will be full compensation for the work prescribed in this Section. See Subsection 109.05.

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Contract Requirements

Project: MT OMAD 18(41), Minuteman Missile Base Roads